

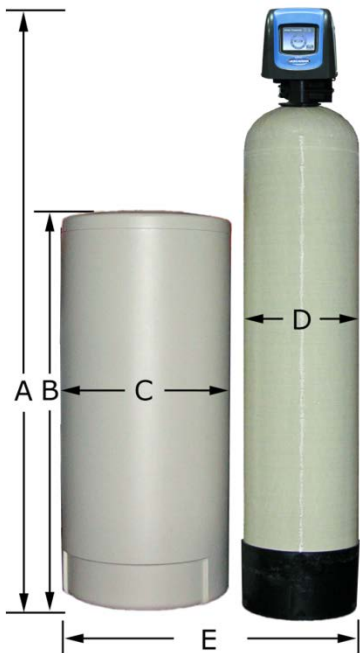


Specifications - NitrateTRAP™

CASCADIAN® NitrateTRAP™ 58X Automatic Nitrate Removal System

- For treatment of waters with naturally occurring organics (including tannins)
- Improves taste, removes organic odor and color
- Stops organic staining of clothing and appliances
- Non-corrosive fiberglass reinforced media tank
- 58X ADVANCED SOLID STATE MICROPROCESSOR BASED SMART CONTROLLER
 - Full Color Touch Screen Display – User Friendly Interface – Easy to read and program
 - Custom Programmable “Call for Service Screen”
 - Cartridge-Based seal and spacer design
 - Metered – Regenerates only when needed
 - Viewable System Information Includes:
Current Flow Rate, Peak Flow Rate, Last Regeneration, Reserve, No. of Regenerations, Regeneration Interval, Daily Usage, Usage Since Last Regeneration, Last Setting Change, Total Volume Treated Through Unit and System Diagnostics
- High flow 1” or 1.25” connections and bypass

Note: Equipment Model, Size and Colors May Vary From Photo



CASCADIAN® NitrateTRAP™ 58X Series						
Part #:	Tank Size (inch)	Height w/Valve (inch)	Std. Piping Size (inch)	Best Results GPM	Excellent Results GPM	Good Results GPM
NTTRAP-095X	9 X 48	57	1	1	2	4
NTTRAP-105X	10 X 54	66	1.25	1.5	3	6
NTTRAP-125X	12 X 52	64	1.25	2	4	8
NTTRAP-135X	13 X 54	63	1.25	2.5	5	10
NTTRAP-145X	14 x 65	75	1.25	3	6	12
NTTRAP-165X	16 x 65	75	1.25	4	8	16
NTTRAP-185X	18 x 65	75	1.25	5	10	20

*Service flow rate affected by water chemistry.

CASCADIAN® NitrateTRAP™ Media Kits					
Part #:	Media Kit Part #	Part #:	Media Kit Part #	Part #:	Media Kit Part #
NTTRAP-095X	MKNTT09	NTTRAP-135X	MKNTT13	NTTRAP-185X	MKNTT18
NTTRAP-105X	MKNTT10	NTTRAP-145X	MKNTT14		
NTTRAP-125X	MKNTT12	NTTRAP-165X	MKNTT16		



Specifications – NitrateTRAP™

Use:	Raw water quality conditions:	Regenerant:	Possible ICS Alternative:
Nitrate Reduction	pH 6.8 - 8.5 Turbidity <= 0.3 NTU For water with Hardness > 4 grains soften first Iron <= 0.5 ppm Iron bacteria - none Manganese <= 0.25 ppm Tannins <= 2 ppm TDS <= 500	Salt	None:



CASCADIAN® NitrateTRAP™

Product Notes

The CASCADIAN® NitrateTRAP™ is a special purpose ion exchange system specially designed to remove Nitrates from water.

Features Include:

- No “Nitrate Dumping”
- Highest Operating Capacity Of Any Nitrate Selective Resin
- High Purity Grade to eliminate taste, odor and color from the resin
- Superior Physical Stability results in longer resin life and lower pressure drop
- Low Sulfate selectivity and High Operating Capacity means more treated gallons between regenerations saving salt and water

Installation and the way it works is very similar to a CASCADIAN® softener. The resin used is specially designed to attract Nitrates rather than hardness minerals. Like a softener, once the NitrateTRAP™ resin becomes exhausted it is regenerated with brine and then placed back into service.

If water hardness is over 4 grains per gallon a separate CASCADIAN® softener must be installed upstream from the CASCADIAN® NitrateTRAP™ system.